

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/563,779 B  
Source: IFWO  
Date Processed by STIC: 03/14/2007

***ENTERED***



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/563,779B

DATE: 03/14/2007

TIME: 10:54:29

Input Set : A:\70629 ST25.txt  
 Output Set: N:\CRF4\03142007\J563779B.raw

3 <110> APPLICANT: Syngenta Limited  
 5 <120> TITLE OF INVENTION: A method of selectively producing male or female sterile  
 plants  
 7 <130> FILE REFERENCE: PPD70629  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/563,779B  
 10 <141> CURRENT FILING DATE: 2006-01-06  
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB04/002447  
 13 <151> PRIOR FILING DATE: 2004-06-09  
 15 <150> PRIOR APPLICATION NUMBER: GB 0316040.5  
 16 <151> PRIOR FILING DATE: 2003-07-08  
 18 <150> PRIOR APPLICATION NUMBER: GB 0401839.6  
 19 <151> PRIOR FILING DATE: 2004-01-28  
 21 <160> NUMBER OF SEQ ID NOS: 7  
 23 <170> SOFTWARE: PatentIn version 3.3  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 27  
 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: chemically synthesized  
 33 <400> SEQUENCE: 1  
 34 aactgcagct ttttggtag cgaatgc 27  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 35  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: chemically synthesized  
 45 <400> SEQUENCE: 2  
 46 cagactagtt ttagctaatt tcttaagta aaaac 35  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 1106  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Rhodotorula gracilis  
 54 <400> SEQUENCE: 3  
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 57 cttatacttg cccggaaagggt gtactccgtc cacatcctgg cccgggaccc cccagaggat 120  
 59 gttagctcac agaccttcgc gtcccccttg gctggagcca actggacc 180  
 61 ctcactgacg gcccggca gccaagggtgg gaggagtcta cattcaagaa gtgggtggaa 240  
 63 ctttgtccaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaatgag 300  
 65 gacggactgc tcggtaactg gtacaaagat atcacc 360  
 67 tccgaatgtc caccaggcgc tattggcgtg acttatgaca cattgtcagt gcacgctcca 420  
 69 aagtactgcc aataccctcg aaggagctc cagaagctgg gggcgacatt cgagccgcgc 480  
 71 accgttactt ccctcgagca agctttgat ggggtcgacc tcgtcgtaa cgcgacgggg 540

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73	ctgggtgcca agtccatcg tggcatcgat gaccaggcgg ccgagccat tcgcggtaa	600
75	acggtgctcg tcaagtgcgc ctgcaaaaagg tgtactatgg acagctcgaa cccggcatca	660
77	ccggcgtaca tcatcccgcg gccaggaggc gaagtgattt gcggcggtac gtacgggtc	720
79	ggagactggg atctctcggt caacccagag accgtccagc gcatacctcaa acactgcctg	780
81	gcctggatcc gactatttc tcggacggca caatcgaagg catcgaggtt ctgcggcata	840
83	acgtcggact cagaccggcg aggaggggag gcccctcggt tgaagccgag aggattgttc	900
85	tccacttga cagaacgaag agccccctct cactggccg tggagcgtc cgtcggcca	960
87	aggagaagga ggtgactttg gtgcattgcct acggtttctc cagcgctggc tatcaacagt	1020
89	cttggggcgc agccgaagac gtcgcacaat tggtcatga ggcgttttag aggtatcatg	1080
91	ggccgccccg cgagtctaag ctctga	1106
94	<210> SEQ ID NO: 4	
95	<211> LENGTH: 120	
96	<212> TYPE: DNA	
97	<213> ORGANISM: Artificial Sequence	
99	<220> FEATURE:	
100	<223> OTHER INFORMATION: chemically synthesized	
103	<220> FEATURE:	
104	<221> NAME/KEY: misc_feature	
105	<222> LOCATION: (22)..(22)	
106	<223> OTHER INFORMATION: where n=a,t, c or g.	
108	<220> FEATURE:	
109	<221> NAME/KEY: misc_feature	
110	<222> LOCATION: (23)..(23)	
111	<223> OTHER INFORMATION: where n=a,t, c or g.	
113	<220> FEATURE:	
114	<221> NAME/KEY: misc_feature	
115	<222> LOCATION: (24)..(24)	
116	<223> OTHER INFORMATION: where n=a,t, c or g.	
118	<220> FEATURE:	
119	<221> NAME/KEY: misc_feature	
120	<222> LOCATION: (97)..(97)	
121	<223> OTHER INFORMATION: where n=a,t, c or g.	
123	<220> FEATURE:	
124	<221> NAME/KEY: misc_feature	
125	<222> LOCATION: (98)..(98)	
126	<223> OTHER INFORMATION: where n=a,t, c or g.	
128	<220> FEATURE:	
129	<221> NAME/KEY: misc_feature	
130	<222> LOCATION: (99)..(99)	
131	<223> OTHER INFORMATION: where n=a,t, c or g.	
133	<400> SEQUENCE: 4	
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	136 ccccgaccag gtggcgaagt catctgcggc gggacgnnng gcgtgggaga ctggacttg	120
139	<210> SEQ ID NO: 5	
140	<211> LENGTH: 120	
141	<212> TYPE: DNA	
142	<213> ORGANISM: Artificial Sequence	
144	<220> FEATURE:	
145	<223> OTHER INFORMATION: chemically synthesized	

RAW SEQUENCE LISTING DATE: 03/14/2007  
 PATENT APPLICATION: US/10/563,779B TIME: 10:54:29

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148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (22)..(22)
151 <223> OTHER INFORMATION: where n=a,t, c or g.
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (23)..(23)
156 <223> OTHER INFORMATION: where n=a,t, c or g.
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (24)..(24)
161 <223> OTHER INFORMATION: where n=a,t, c or g.
163 <220> FEATURE:
164 <221> NAME/KEY: misc_feature
165 <222> LOCATION: (97)..(97)
166 <223> OTHER INFORMATION: where n=a,t, c or g.
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: (98)..(98)
171 <223> OTHER INFORMATION: where n=a,t, c or g.
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (99)..(99)
176 <223> OTHER INFORMATION: where n=a,t, c or g.
178 <400> SEQUENCE: 5
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181 aatgatgttag gcgggagaag cgggtcggga cgagtcnnnc gtgcacatcgct tgcataggga 120
184 <210> SEQ ID NO: 6
185 <211> LENGTH: 7
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: chemically synthesized
192 <400> SEQUENCE: 6
194 Arg Cys Thr Met Asp Ser Ser
195 1 5
198 <210> SEQ ID NO: 7
199 <211> LENGTH: 7
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: chemically synthesized
206 <400> SEQUENCE: 7
208 Gly Gly Thr Tyr Gly Val Gly
209 1 5

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RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 03/14/2007  
PATENT APPLICATION: US/10/563,779B               TIME: 10:54:30

Input Set : A:\70629 ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 22,23,24,97,98,99  
Seq#:5; N Pos. 22,23,24,97,98,99

VERIFICATION SUMMARY DATE: 03/14/2007  
PATENT APPLICATION: US/10/563,779B TIME: 10:54:30

Input Set : A:\70629 ST25.txt  
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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
M:341 Repeated in SeqNo=4  
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
M:341 Repeated in SeqNo=5